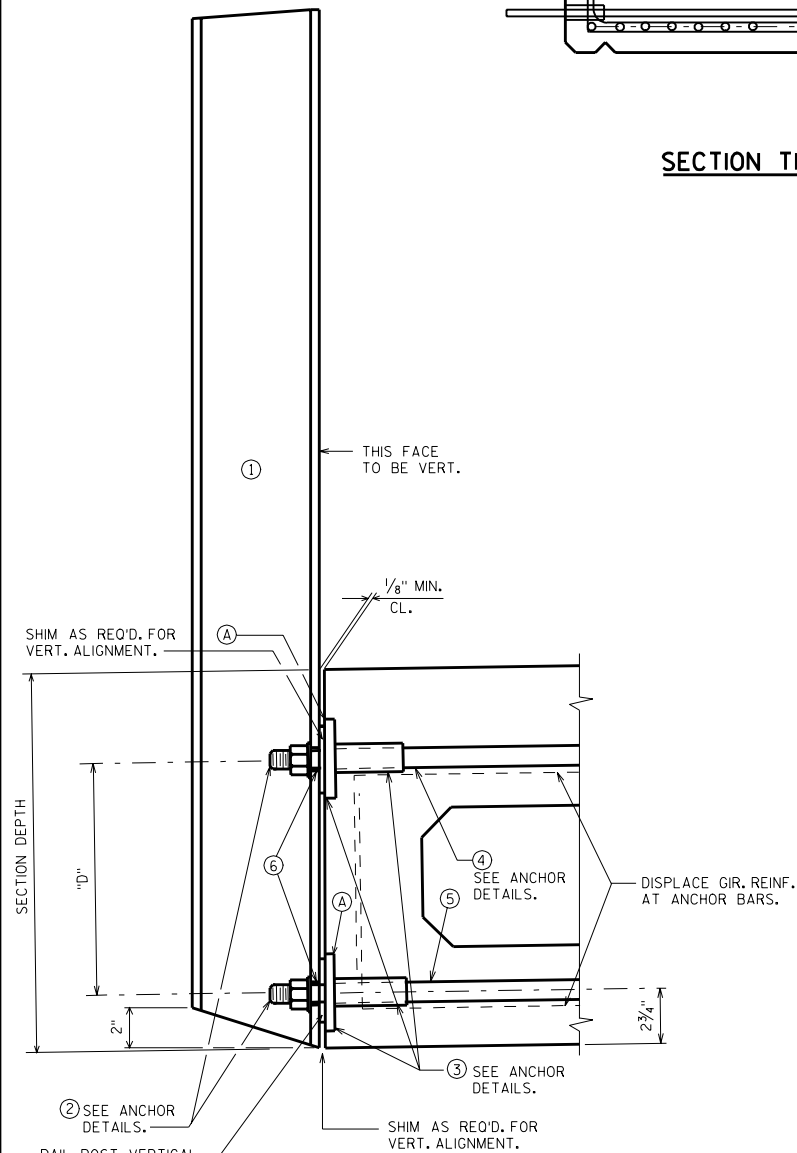


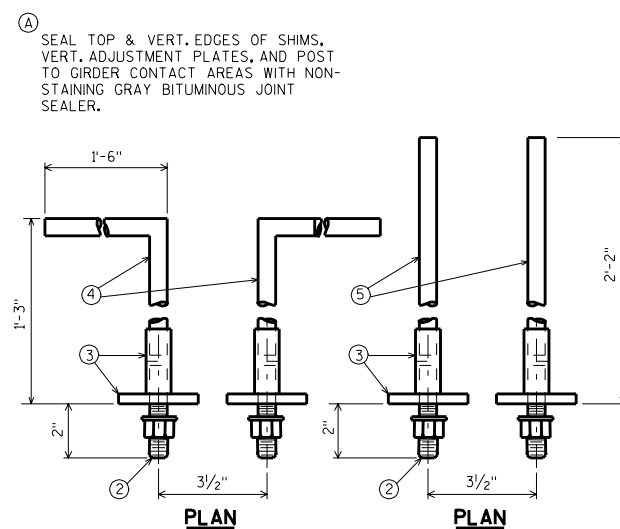
**SECTION A**

**SECTION THRU EXTERIOR GIRDER**



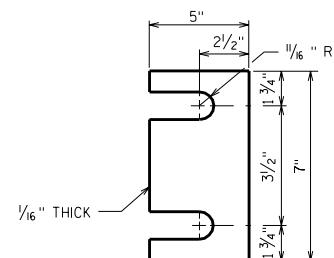
**SECTION THRU RAILING**

SECTION DEPTH	"D"
12"	7"
17"	12"
21"	16"
27"	22"
33"	28"
42"	37"



**ANCHOR DETAILS**

ANCHORS MAY BE FABRICATED IN A CAGE IF OPTED BY THE MFG'R.



**POST SHIM DETAIL**

(14 PER POST)

**LEGEND**

- ① W6 x 25. SEE STD. 30.1 OR 30.2 FOR RAILING ATTACHMENT. PLACE POSTS NORMAL TO GRADE LINE. PLACE POSTS VERTICAL.
- ② 1" DIA. STUD WITH NUT & WASHER. FOUR REQ'D. PER POST, A325.\*
- ③ THREADED BAR COUPLER FOR 1"  $\phi$  STUD. ACCEPTABLE PRODUCTS ARE WILLIAMS REBAR FLANGE COUPLERS BY WILLIAMS FORM ENGINEERING CORP. OR DOWEL BAR REPLACEMENTS BY DAYTON SUPERIOR. FOUR REQ'D. PER POST. EXPOSED FLANGE TO BE GALVANIZED.\*
- ④ ANCHOR BAR 1" DIA. THREADED REINFORCEMENT BAR BENT AS SHOWN IN ANCHOR DETAILS, GRADE 60. TWO REQ'D. PER POST. (TOP)\*\*
- ⑤ ANCHOR BAR, 1" DIA. THREADED REINFORCEMENT BAR (STRAIGHT), GRADE 60. TWO REQ'D. PER POST. (BOTTOM)\*\*
- ⑥ 1 1/4" x 1 3/4" SLOTTED HOLES IN POST FOR STUD NO. 2. LONG DIMENSION OF SLOTTED HOLE TO BE VERTICAL.

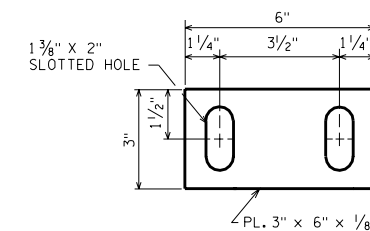
\*SHALL BE MECHANICALLY GALVANIZED OR ELECTRO-PLATED.

\*\*NOT GALVANIZED OR ELECTRO-PLATED.

**GENERAL NOTES**

FILL BOLT SLOT OPENINGS IN POST SHIMS AND POSTS WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER.

STEEL POST SHIMS MAY BE USED AT POSTS WHERE REQ'D. FOR ALIGNMENT.



**RAIL POST VERTICAL ADJUSTMENT PLATE**

(1 PER POST)

**PRETENSIONED SLAB & BOX SECTION RAILING POST ATTACHMENT**

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION  
STRUCTURES DEVELOPMENT SECTION

APPROVED: \_\_\_\_\_

DATE:  
1/99